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Country: JP Japan

Kind: A

Inventor: SATO TAKASHI;
MANABE SHIGEO;Assignee: NEC CORP
[News, Profiles, Stocks and More about this company](#)Published /
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IPC-7: [H04N 5/44](#); [H04N 5/60](#); [H04N 7/08](#);Priority
Number: 1982-06-01 JP1982000093832

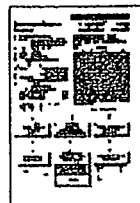
Abstract:

PURPOSE: To output program guidance and preview information on a picture tube or/ and a printer at every viewer's request, by sending a conventional video and sound broadcast and the program guidance and preview information to a television receiver within the same frequency band.

CONSTITUTION: A broadcasting station transmits program information to viewers, e.g. (1) a data, starting time, and ending time, (2) a program name, (3) program contents, etc., in the form of a digital signal by superposing it upon a subchannel or a main channel signal. Thus sent program information is separated into a subchannel signal 5' and a main channel signal. The subchannel signal 5' is converted in a digital signal by a demodulator 11 and stored in a register 12 temporarily to be recognized as one program information data sent from the broadcasting station, and this data is stored in a data memory. A display memory 16, on the other hand, is stored with patterns of Chinese characters, alphabets, numbers, etc., stored in a data memory 13 in code form and the contents of the data memory 13 are displayed as a video. A control part 15 once receiving a display indication instruction from an operation switch 14 reads the contents of the data memory 13 and display memory 16 and sends an indication of contents to be displayed to a pattern generation part 17 to display a video on a television picture tube 19 and printing the data on a printer 18.

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